

## EAST Search History

| Ref # | Hits | Search Query                 | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|------------------------------|---|------------------|---------|---------------------|
| L1    | 133  | 398/57.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:29 |
| L2    | 127  | 398/7.ccls.                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:29 |
| L3    | 571  | 398/10-17.ccls.              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:30 |
| L4    | 61   | 398/22.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:30 |
| L5    | 175  | 398/30.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:30 |
| L6    | 173  | 398/67.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:31 |
| L7    | 2942 | 370/235.ccls.                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:31 |
| L8    | 0    | 7 and (optical adj director) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:32 |
| L9    | 2070 | 7 and (Rout\$4)              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/10<br>06:32 |

|     |   |                        |  |    |    |                     |
|-----|---|------------------------|--|----|----|---------------------|
| S1  | 1 | 10/949692              | US-PG Pub;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>17:58 |
| S2  | 0 | 10/798696              | US-PG Pub;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>18:32 |
| S3  | 1 | "20060275034"          | US-PG Pub;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/13<br>08:33 |
| S4  | 1 | "20060275034"          | US-PG Pub;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/13<br>13:09 |
| S5  | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:56 |
| S6  | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:56 |
| S7  | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:56 |
| S8  | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:56 |
| S9  | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:56 |
| S10 | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:56 |
| S11 | 0 | ("2006/0275034").URPN. | USPAT  | OR | ON | 2007/08/13<br>16:57 |
| S12 | 0 | 10/338088              | USPAT  | OR | ON | 2007/08/13<br>17:05 |
| S13 | 0 | "2000208561"           | USPAT  | OR | ON | 2007/08/13<br>17:05 |
| S14 | 0 | "200020856"            | USPAT  | OR | ON | 2007/08/13<br>17:05 |
| S15 | 8 | "6525852"              | USPAT  | OR | ON | 2007/08/13<br>17:05 |

|     |    |  |   |    |     |                     |
|-----|----|--|---|----|-----|---------------------|
| S16 | 48 | (<br>"20010015836"  <br>"20010040710"  <br>"20010050790"  <br>"20020003639"  <br>"20020030869"  <br>"20020044315"  <br>"20020067523"  <br>"20020101633"  <br>"20020126334"  <br>"20020145779"  <br>"20020149817"  <br>"20020186439"  <br>"20020191898"  <br>"20020196491"  <br>"20030170020"  <br>"20050111495"  <br>"5179548"   "5327427"  <br>"5414548"   "5576875"  <br>"5615036"   "5771112"  <br>"5774244"   "5778118"  <br>"5903371"   "5930016"  <br>"6097696"   "6122096"  <br>"6137608"   "6160648"  <br>"6192173"   "6236498"  <br>"6295146"   "6310994"  <br>"6331906"   "6344911"  <br>"6351582"   "6426817"  <br>"6456406"   "6456407"  <br>"6486988"   "6525852"  <br>"6590681"   "6616349"  <br>"6631018"   "6658013"  <br>"6701085"   "6895184").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/08/13<br>17:08 |
| S17 | 7  | (<br>"5647035"   "5760934"  <br>"5986783"   "6204943"  <br>"6259837"   "6348985"  <br>"6411412").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/08/13<br>17:39 |
| S18 | 1  | ("5062684").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2007/08/13<br>17:39 |
| S19 | 3  | "20020149820"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/15<br>09:04 |
| S20 | 2  | 60/257429  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/15<br>11:31 |

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|-----|--------|---|---|----|----|---------------------|
| S21 | 1      | "20060275034"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>15:00 |
| S22 | 2      | "7072584"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>15:41 |
| S23 | 1      | "20060275034"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>15:41 |
| S24 | 1      | "20060275034"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>20:50 |
| S25 | 1      | (control adj signal) near2<br>(apply\$4) near2 (response<br>with request) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/15<br>20:52 |
| S26 | 1      | ("3648256").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/08/15<br>21:00 |
| S27 | 36     | ("3648256").URPN.   | USPAT   | OR | ON | 2007/08/15<br>21:03 |
| S28 | 0      | "20020149820"   | USPAT   | OR | ON | 2007/08/15<br>21:03 |
| S29 | 0      | "20020149820"   | USPAT   | OR | ON | 2007/08/15<br>21:04 |
| S30 | 1      | "20020149820"   | US-PGPUB;<br>USPAT  | OR | ON | 2007/08/15<br>21:12 |
| S31 | 2      | "20040208560"   | US-PGPUB;<br>USPAT  | OR | ON | 2007/08/15<br>21:15 |
| S32 | 110659 | (request) near2<br>(customer or client or<br>user)                        | US-PGPUB;<br>USPAT  | OR | ON | 2007/08/15<br>21:16 |
| S33 | 31266  | S32 and node  | US-PGPUB;<br>USPAT  | OR | ON | 2007/08/15<br>21:16 |
| S34 | 4116   | S33 and (control near4<br>node\$1)  | US-PGPUB;<br>USPAT  | OR | ON | 2007/08/15<br>21:16 |

|     |      |  |   |    |     |                     |
|-----|------|--|---|----|-----|---------------------|
| S35 | 3753 | S34 and (request near2 administrator or manag\$6 or central)   | US-PGPUB;<br>USPAT  | OR | ON  | 2007/08/15<br>21:18 |
| S36 | 8    | "6151011"  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/08/16<br>07:00 |
| S37 | 11   | "1098696"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/01<br>18:32 |
| S38 | 0    | "10/98696"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/01<br>18:32 |
| S39 | 1    | ("7072584").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/04/01<br>18:33 |
| S40 | 248  | 398/49.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/02<br>16:51 |
| S41 | 30   | ((MARTIN) near2 (BIRK)).<br>INV.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/04/02<br>16:54 |
| S42 | 4474 | (control\$3 near2 networ<br>\$4) near2 node\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/02<br>17:06 |
| S43 | 7    | S40 and S42  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/02<br>17:06 |
| S44 | 9    | ("20020145779"  <br>"20040131366"  <br>"5216666"   "5299293"  <br>"5663949"   "5777761"  <br>"6046832"   "6512611"  <br>"6744760").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/04/02<br>17:11 |
| S45 | 2    | ("4347605"   "5003531").<br>PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/04/02<br>17:13 |
| S46 | 119  | 398/57.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON  | 2008/04/02<br>17:41 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| S47 | 4474 | (control\$3 near2 networ<br>\$4) near2 node\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>17:41 |
| S48 | 7    | S46 and S47  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>17:42 |
| S49 | 0    | S46 and (bidirection)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>17:55 |
| S50 | 0    | S46 and (bi adj direction)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>17:56 |
| S51 | 20   | S46 and (bi adj direction<br>\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/02<br>17:56 |
| S52 | 15   | ("20010017866"  <br>"20020109878"  <br>"20020109879"  <br>"20020186433"  <br>"6519062"   "6522435"  <br>"6665495"   "6671256"  <br>"6678474"   "6763192"  <br>"6772219"   "6898205"  <br>"6907002"   "6956868"  <br>"6963564").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/04/02<br>18:03 |
| S53 | 548  | 398/135.cds.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/06<br>17:54 |
| S54 | 59   | tunable adj transceiver  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/06<br>17:55 |
| S55 | 0    | S53 and S54  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/06<br>17:55 |

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|-----|-----|--|---|----|----|---------------------|
| S56 | 33  | S53 and (tunable)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/06<br>17:55 |
| S57 | 12  | S56 and node\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/06<br>17:57 |
| S58 | 175 | ( "20020018260"  <br>"20020032780"  <br>"20020044565"  <br>"20020065962"  <br>"20020083169"  <br>"20020101636"  <br>"20020101874"  <br>"20030176196"  <br>"20030204789"  <br>"20030206134"  <br>"20040043795"  <br>"20040076429"  <br>"20040076434"  <br>"20050213973"  <br>"3883217"   "3887876"  <br>"3936141"   "3943358"  <br>"4054366"   "4166946"  <br>"4234969"   "4249266"  <br>"4301543"   "4307933"  <br>"4317614"   "4366565"  <br>"4367460"   "4400054"  <br>"4423922"   "4435849"  <br>"4446515"   "4457581"  <br>"4482980"   "4506153"  <br>"4543574"   "4545074"  <br>"4554511"   "4577184"  <br>"4595839"   "4630256"  <br>"4654890"   "4671608"  <br>"4674830"   "4705350"  <br>"4715012"   "4717229"  <br>"4731784"   "4739183"  <br>"4756595"   "4759011"  <br>"4761833"   "4786130"  <br>"4810052"   "4829593"  <br>"4845483"   "4850047"  <br>"4883335"   "4885589"  <br>"4898565"   "4932004"  <br>"4946244"   "4947134"  <br>"4948218"   "4958354"  <br>"4959837"   "5029306"  <br>"5046137"   "5055827"  <br>"5058101"   "5058974"  <br>"5080505"   "5083874"  <br>"5117196"   "5117303"  <br>"5129019"   "5133031"  <br>"5179603"   "5181134" | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/04/06<br>17:59 |

|                        |            |
|------------------------|------------|
| "5185735"              | "5187605"  |
| "5189541"              | "5212577"  |
| "5222166"              | "5267071"  |
| "5283687"              | "5296957"  |
| "5307197"              | "5309564"  |
| "5315424"              | "5317580"  |
| "5319642"              | "5345230"  |
| "5347384"              | "5361262"  |
| "5363367"              | "5369516"  |
| "5392154"              | "5412746"  |
| "5414416"              | "5424864"  |
| "5432874"              | "5434861"  |
| "5471342"              | "5479082"  |
| "5481478"              | "5483233"  |
| "5500857"              | "5500867"  |
| "5502589"              | "5506709"  |
| "5508689"              | "5517622"  |
| "5528408"              | "5533153"  |
| "5539558"              | "5541957"  |
| "5548431"              | "5552921"  |
| "5572612"              | "5615290") |
| PN, OR ("5623169"      |            |
| "5664035"   "5684899"  |            |
| "5712932"   "5712937"  |            |
| "5717795"   "5732086"  |            |
| "5739938"   "5745479"  |            |
| "5764821"   "5777561"  |            |
| "5778118"   "5793908"  |            |
| "5796890"   "5801865"  |            |
| "5809187"   "5815294"  |            |
| "5825515"   "5825949"  |            |
| "5838989"   "5854698"  |            |
| "5866898"   "5880863"  |            |
| "5894362"   "5896417"  |            |
| "5898673"   "5898801"  |            |
| "5901260"   "5910851"  |            |
| "5937032"   "5943148"  |            |
| "5949560"   "5959412"  |            |
| "5995258"   "6008915"  |            |
| "6014481"   "6075628"  |            |
| "6075648"   "6084233"  |            |
| "6111888"   "6122095"  |            |
| "6128111"   "6140920"  |            |
| "6157725"   "6175533"  |            |
| "6385366"   "6426815"  |            |
| "6449072"   "6499027"  |            |
| "6502131"   "6567197"  |            |
| "6782422"   "6784837"  |            |
| "6830221"   "6912339") |            |
| PN,                    |            |



|     |     |  |                           |    |    |                     |
|-----|-----|--|---------------------------|----|----|---------------------|
| S59 | 175 | ("20020018260"  <br>"20020032780"  <br>"20020044565"  <br>"20020065962"  <br>"20020083169"  <br>"20020101636"  <br>"20020101874"  <br>"20030176196"  <br>"20030204789"  <br>"20030206134"  <br>"20040043795"  <br>"20040076429"  <br>"20040076434"  <br>"20050213973"  <br>"3883217"   "3887876"  <br>"3936141"   "3943358"  <br>"4054366"   "4166946"  <br>"4234969"   "4249266"  <br>"4301543"   "4307933"  <br>"4317614"   "4366565"  <br>"4367460"   "4400054"  <br>"4423922"   "4435849"  <br>"4446515"   "4457581"  <br>"4482980"   "4506153"  <br>"4543574"   "4545074"  <br>"4554511"   "4577184"  <br>"4595839"   "4630256"  <br>"4654890"   "4671608"  <br>"4674830"   "4705350"  <br>"4715012"   "4717229"  <br>"4731784"   "4739183"  <br>"4756595"   "4759011"  <br>"4761833"   "4786130"  <br>"4810052"   "4829593"  <br>"4845483"   "4850047"  <br>"4883335"   "4885589"  <br>"4898565"   "4932004"  <br>"4946244"   "4947134"  <br>"4948218"   "4958354"  <br>"4959837"   "5029306"  <br>"5046137"   "5055827"  <br>"5058101"   "5058974"  <br>"5080505"   "5083874"  <br>"5117196"   "5117303"  <br>"5129019"   "5133031"  <br>"5179603"   "5181134"  <br>"5185735"   "5187605"  <br>"5189541"   "5212577"  <br>"5222166"   "5267071"  <br>"5283687"   "5296957"  <br>"5307197"   "5309564"  <br>"5315424"   "5317580"  <br>"5319642"   "5345230"  <br>"5347384"   "5361262"  <br>"5363367"   "5369516"  <br>"5392154"   "5412746"  <br>"5414416"   "5424864" | US-PGRUB;<br>USPAT; USOCR | OR | ON | 2008/04/06<br>17:59 |
|-----|-----|--|---------------------------|----|----|---------------------|

|     |    |   |                           |    |     |                     |
|-----|----|---|---------------------------|----|-----|---------------------|
|     |    | "5432874"   "5434861"  <br>"5471342"   "5479082"  <br>"5481478"   "5483233"  <br>"5500857"   "5500867"  <br>"5502589"   "5506709"  <br>"5508689"   "5517622"  <br>"5528408"   "5533153"  <br>"5539558"   "5541957"  <br>"5548431"   "5552921"  <br>"5572612"   "5615290").<br>PN. OR ("5623169"  <br>"5664035"   "5684899"  <br>"5712932"   "5712937"  <br>"5717795"   "5732086"  <br>"5739938"   "5745479"  <br>"5764821"   "5777561"  <br>"5778118"   "5793908"  <br>"5796890"   "5801865"  <br>"5809187"   "5815294"  <br>"5825515"   "5825949"  <br>"5838989"   "5854698"  <br>"5866898"   "5880863"  <br>"5894362"   "5896417"  <br>"5898673"   "5898801"  <br>"5901260"   "5910851"  <br>"5937032"   "5943148"  <br>"5949560"   "5959412"  <br>"5995258"   "6008915"  <br>"6014481"   "6075628"  <br>"6075648"   "6084233"  <br>"6111888"   "6122095"  <br>"6128111"   "6140920"  <br>"6157725"   "6175533"  <br>"6385366"   "6426815"  <br>"6449072"   "6499027"  <br>"6502131"   "6567197"  <br>"6782422"   "6784837"  <br>"6830221"   "6912339").<br>PN. |                           |    |     |                     |
| S60 | 78 | Optical adj director  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/04/06<br>23:26 |
| S61 | 0  | (Optical adj director) with<br>(bidirection\$3)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/04/06<br>23:26 |
| S62 | 0  | (Optical adj director)<br>near2 (bidirection\$3)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/04/06<br>23:27 |
| S63 | 0  | (Optical adj director) same<br>(bidirection\$3)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/04/06<br>23:27 |
| S64 | 13 | (Optical adj director)<br>near4 direction   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/04/06<br>23:27 |
| S65 | 1  | ("5760934").PN.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/04/08<br>10:35 |

|     |   |                 |   |    |     |                     |
|-----|---|-----------------|---|----|-----|---------------------|
| S66 | 1 | 10/761248       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/09<br>12:24 |
| S67 | 2 | "20020154089"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/09<br>13:56 |
| S68 | 1 | ("5668569").PN. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2008/04/09<br>13:57 |
| S69 | 1 | ("6545653").PN. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2008/04/09<br>13:57 |
| S70 | 1 | ("5760934").PN. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2008/04/11<br>17:41 |
| S71 | 1 | ("5760934").PN. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2008/04/11<br>20:04 |

11/ 10/ 2008 6:32:57 AM

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